BHURAT BENGALURU MAHANAGAR PALIKE

YELAHANKA ZONE

Name of the work : Restoration and Improvements of Roads at Hesaraghatta Main road, G Ramaiah layout, Sai Archade layout, Vijaya bank layout, Adityanagara Phase-02, and Surrounding areas in ward no-03 of Yelahanka New town Sub-division

Modified Schedule-B

Sl. No	Description of work	Unit	Qty	Approved Rate	
				Rate Rs.	Figures
1	KSRRB 300 - Excavation for road, drains and similar works - KSRRB 300-1. Earthwork excavation by manual means in hard soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dress	Cum	5888.05	191.64	Rupees One Hundred Ninety One And Paise Sixty Four Only
2	KSRRB M200-24. Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials stacking serviceable and un	Cum	203.29	962.47	Rupees Nine Hundred Sixty Two And Paise Forty Seven Only
3	KSRRB M300-14. Excavation for roadwork in all types of soil by mechanical meanse including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to the embank	Cum	13241.74	43.89	Rupees Forty Three And Paise Eighty Nine Only
4	KSRB 4-1.3 : Providing and laying in position plain cement concrete of Mix 1:4:8 with OPC @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers	Cum	924.69	5462.20	Rupees Five Thousand Four Hundred Sixty Two And Paise Twenty Only
5	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for	Cum	1696.30	7140.90	Rupees Seven Thousand One Hundred Forty And Paise Ninety Only

Sl. No	Description of work	Unit	Qty	Approved Rate	
				Rate Rs.	Figures
6	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, l	Sqm	646.56	383.27	Rupees Three Hundred Eighty Three And Paise Twenty Seven Only
7	KSRB 4.2.2 : Providing and laying in position reinforced cement concrete of Design Mix M20 with OPC @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.460 cum, with super plasticisers @ 3 liters confir	Cum	115.28	6058.53	Rupees Six Thousand Fifty Eight And Paise Fifty Three Only
8	KSRRB M2200-6. Providing T.M.T. steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever	Tonne	111.00	80948.07	Rupees Eighty Thousand Nine Hundred Forty Eight And Paise Seven Only
9	Removing and resetting of footpath slab(Page No.270 & Item No.37.56)	Sqm	0.00	210.91	Rupees Two Hundred Ten And Paise Ninety One Only
10	KSRRB 300 - Excavation for road, drains and similar works - KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly	Cum	0.00	139.18	Rupees One Hundred Thirty Nine And Paise Eighteen Only
11	KSRRB M100-1 Loading and Unloading of Stone Boulder / Stone aggregate /sand/kaner/ Moorum KSRRB M100-1 Placing tipper at loading point, loading with front end loader, dumping, turning for return trip, excluding time for haulage and return trip complete as	Cum	19129.79	78.25	Rupees Seventy Eight And Paise Twenty Five Only

Sl. No	Description of work	Unit	Qty	Approved Rate	
				Rate Rs.	Figures
12	Supply and fixing Precast reinforced concrete slab 10cm thick including cost of reinforcement as per design and drawing, material cost, transportation, hire charges of machinery, machine cutting the vertical face to get plain even surface etc., complete w	Sqm	4715.37	1941.22	Rupees One Thousand Nine Hundred Forty One And Paise Twenty Two Only
13	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete. - do - 10 cms thick (Page No.27 & Item No-5.31.2)	Sqm	40.50	976.39	Rupees Nine Hundred Seventy Six And Paise Thirty Nine Only
14	KSRB 5-8.1 : Providing one line dressing to granite stone slab / granite stone masonry as per specifications. KBS 5.1.13(Page No.26 & Item No- 5.17)	Sqm	40.50	960.33	Rupees Nine Hundred Sixty And Paise Thirty Three Only
15	Supply and fixing Precast reinforced concrete slab 23cm thick including cost of reinforcement as per design and drawing, material cost, transportation, hire charges of machinery, machine cutting the vertical face to get plain even surface etc , complete w	Sqm	224.56	4530.91	Rupees Four Thousand Five Hundred Thirty And Paise Ninety One Only
16	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceedi	Cum	107.00	5804.79	Rupees Five Thousand Eight Hundred Four And Paise Seventy Nine Only
17	Providing and fixing pre cast solid cement concrete kerb stones made out of C.C. 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including form work, curing	No,s	12722.44	436.80	Rupees Four Hundred Thirty Six And Paise Eighty Only
18	KSRRB 300-58. Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depression occuring during rolling including cost of all labour, HOM of machinery complete as per specifications. MORTH / Chapter 3 (	Sqm	33104.36	6.42	Rupees Six And Paise Forty Two Only

Sl. No	Description of work	Unit	Qty	Approved Rate	
				Rate Rs.	Figures
19	KSRRB M600-1 Providing and Constructing dry lean cement concrete mix CC 1:5:10 base with OPC 25mm and down size graded granite metal coarse aggregate at 0.86cum and fine aggregates @0.58cum over a prepared sub-base, coarse and fine aggregate conforming to	Cum	275.12	3923.75	Rupees Three Thousand Nine Hundred Twenty Three And Paise Seventy Five Only
20	Constructing un-reinforced, plain cement concrete for pavements using Grade concrete M30 over a prepared base with OPC coarse aggregate at 0.69 cum, fine aggregates at 0.46 cum,Coarse and fine aggregate conforming to IS:383-2016, with Superplastizer at 3	Cum	275.12	5263.07	Rupees Five Thousand Two Hundred Sixty Three And Paise Seven Only
21	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/ basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading i	Cum	4833.56	2014.87	Rupees Two Thousand Fourteen And Paise Eighty Seven Only
	Qty Executed Above 125%	Cum	1386.09	2014.87	Rupees Two Thousand Fourteen And Paise Eighty Seven Only
22	KSRRB M400- Wet Mix Macadam KSRRB M400-17. Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carria	Cum	6264.75	2021.29	Rupees Two Thousand Twenty One And Paise Twenty Nine Only
	Qty Executed Above 125%	Cum	356.12	2021.29	Rupees Two Thousand Twenty One And Paise Twenty Nine Only
23	KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifi	Sqm	31323.75	34.26	Rupees Thirty Four And Paise Twenty Six Only
	Qty Executed Above 125%	Sqm	1780.61	34.26	Rupees Thirty Four And Paise Twenty Six Only

Sl. No	Description of work	Unit	Qty	Approved Rate	
				Rate Rs.	Figures
24	KSRRB M500-17. Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, ro	Cum	1566.19	7365.73	Rupees Seven Thousand Three Hundred Sixty Five And Paise Seventy Three Only
	Qty Executed Above 125%-	Cum	89.03	7365.73	Rupees Seven Thousand Three Hundred Sixty Five And Paise Seventy Three Only
25	KSRRB 500-7. Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials	Sqm	31323.75	12.85	Rupees Twelve And Paise Eighty Five Only
	Qty Executed Above 125%-	Sqm	1780.61	12.85	Rupees Twelve And Paise Eighty Five Only
26	KSRRB M500-19. Providing and laying bituminous concrete using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignme	Cum	1252.95	8534.82	Rupees Eight Thousand Five Hundred Thirty Four And Paise Eighty Two Only
	Qty Executed Above 125%-	Cum	39.02	8534.82	Rupees Eight Thousand Five Hundred Thirty Four And Paise Eighty Two Only
27	KSRB 15-19.2 Providing and applying ready mix priming coat over concrete/masonry/asbestos cement sheet/plastered surfaces including preparing the surface after throughly cleaning of oil,grease,dirt and other foreign matter and sand papering including cos	Sqm	2140.04	39.61	Rupees Thirty Nine And Paise Sixty One Only
28	KSRB 800-1 Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. (Page No.180 & Item No.24.1)	Sqm	2140.04	85.65	Rupees Eighty Five And Paise Sixty Five Only

Sl. No	Description of work	Unit	Qty	Approved Rate	
				Rate Rs.	Figures
29	KSRRB M800-13.Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface:- Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area,	Sqm	1211.56	459.29	Rupees Four Hundred Fifty Nine And Paise Twenty Nine Only
	Qty Executed Above 125%-	Sqm	53.39	459.29	Rupees Four Hundred Fifty Nine And Paise Twenty Nine Only
30	KSRRB M800-35. Supply and Installtion of Moulded Shank Raised Pavement Markers made of polycarbonate and ABS(Acrylonitrile Butadiene Styrene) moulded body and reflective panels with micro prismatic lens capable of providing total internal reflection of th	No,s	0.00	360.79	Rupees Three Hundred Sixty And Paise Seventy Nine Only
Estl-01	Providing and laying heavy duty cobble stones interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed (average thickness) an	Sqm	350.61	1188.37	Rupees One Thousand One Hundred Eighty Eight And Paise Thirty Seven Only

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